

Date: Thu, 28 Jul 94 11:09:15 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #849  
To: Info-Hams

Info-Hams Digest                      Thu, 28 Jul 94                      Volume 94 : Issue    849

Today's Topics:

                    Alinco DR592 Audio mod?  
                            Bay Area BBS  
         Did CB's used to require licenses?  
         Favor ATV newsgroup/mailling list  
                    Good day to you all  
         HELP-getting sticky velcro tape to stick?  
                    Kenwood TS-820 question  
                    L.A. RED CROSS CLASSES  
                    Ramsey SlyFox  
         repeaters in the microwave bands  
         REQUEST: Help finding WWV receiver!  
         Suggestions for 2M & 70 CM base station antenna  
                    VHF TV freqs to be phased out?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Wed, 27 Jul 1994 19:53:59 GMT  
From: mdisea!mothost!pts-nntp!jkronz@uunet.uu.net  
Subject: Alinco DR592 Audio mod?  
To: info-hams@ucsd.edu

Hello,

    A friend of mine just bought an Alinco DR 592 mobile dual band  
and he wants to know if there is a mod that will combine the two  
audio outout jacks into one. thereby being able to listen to  
the 2m and 440 bands on ONE ext speaker. any help appreciated.

please e-mail me my news reading is slower than my news server  
delete que.

thanks  
-jason

These Are MY opinions and do not reflect those of Motorola Inc.

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-----  
Jason Kronz |  
jkronz@pts.mot.com | (This space intentionally left blank)  
N90FN |  
Cyber-Pilot (VFR only) |  
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Date: 27 Jul 1994 21:05:25 -0500  
From: cs.utexas.edu!not-for-mail@uunet.uu.net  
Subject: Bay Area BBS  
To: info-hams@ucsd.edu

I am looking for the frequencies of South Bay area BBS in the 440Mhz range. I am  
also looking for ANY phone numbers of any  
BBSs (land line variety...though so much the better if ham radio related) in the  
415 area code.

73 de Dave, N9uXU

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-----  
Date: 28 Jul 1994 13:24:36 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!  
magnus.acs.ohio-state.edu!wvhorn@network.ucsd.edu  
Subject: Did CB's used to require licenses?  
To: info-hams@ucsd.edu
```

In article <1994Jul26.131707.204@ke4zv.atl.ga.us>,  
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>US \*society\* was polite back then too. The 55 MPH speed limit came  
>in time to follow the Great Society experiment and in time for the  
>Woodstock generation. General respect for law and order broke down,  
>kids didn't have firm parental supervision any more because women  
>went into the work force, etc. Eventually we got the chaos we have  
>today with kids shooting kids on the street, and foul mouthed cretins  
>making fools of themselves on radio.

...dogs and cats living together, mass hysteria!

>Oddly enough, those same people, when met in other contexts, don't  
>behave like pseudo-redneck idiots. That's key to understanding  
>the psychology of CB. CB is an anonymous service where people  
>hide behind "handles" instead of using their real names. Thus they  
>can act out their most abberent fantasies without the shame that  
>such acts would cause them if done openly under their own names.

>

>Amateur radio is made up mostly of older people who grew up before  
>the societal breakdown in morals, and amateurs still insist on  
>usage of real names. Thus the service is a throwback to the 1950s  
>in it's social behavior.

Or, it could be that amateurs have licenses and therefore cannot hide  
behind anonymous "handles" and therefore feel more responsible for their  
behavior. This is the same thing one sees in comparing small towns where  
everyone knows everyone else and big cities where people can remain  
anonymous. The only difference between the 1950s and the 1990s is that  
there is a whole lot more people, and more of them live in big cities.

---Bill VanHorne

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Date: Thu, 28 Jul 1994 15:47:20 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!relay.puug.pt!  
ciup2.ncc.up.pt!news.ci.ua.pt!etjfonte@network.ucsd.edu  
Subject: Favor ATV newsgroup/mailling list  
To: info-hams@ucsd.edu

Erik Sorgatz (sorgatz@avatar.tti.com) wrote:

: Ok I'll admit it...I caught the ATV bug recently...count me in! Esp FM  
: ATV circuits..there is so little written about it! And it looks SO MUCH  
: BETTER than AM TV!!

Count me also

CT1ENQ

73's

--

|-----|  
| Jose' Miguel M.B.Fonte | Aveiro University - PORTUGAL - EUROPE |  
| Box 108 - 4801 Guimaraes - PT. | Electronics and Telecommunications Dept. |  
| E-mail : etjfonte@ci.ua.pt |---|-----|  
| PACKET : CT1ENQ@CT1EDY.CTAV.PRT.EU | Ham:CT1ENQ - Univer.Club: CT6ARU |  
|-----|

Too much of anything is bad, but too much of good whiskey is barely enough.

M.Twain

-----  
Date: 28 Jul 94 22:35:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Good day to you all  
To: info-hams@ucsd.edu

Hi Smitty,

thanks for your words.

Japan, Australia and New Zealand are different worlds entirely.  
New Zealand is pretty much like Europe in its ham radio system.  
Australia is all together different for two main reasons: 1/ radio is used  
an the only communications medium with the outback (you must have heard of  
flying doctors) and 2/ there is third party in Australia. Ham radio is the  
only way to communicate and is being used more and more today. Schools run  
of HF like you wouldnt believe. In terms of ham radio freedom, Australia is  
just as good as the US.

Japan on the other hand has various licenses and opens up HF to many more  
people that in the US with reduced power. Every rig you get today, say the  
Kenwood, is also supplied in a R version, thus there is a Kenwood TS450S  
and a TS450R, the R stands for reduced and means 10 watts output. Most  
people get 10 watt licenses easily. This eases the problem on 2 meters and  
other starting frequencies. There is no 3rd party with Japan (I dont know if  
there 3rd party allowed within Japan).

Most of the European goverment consider us as trouble makers and a service  
they are not interested in. It provides no real income and has no real  
purpose (does a hobby denote purpose?).

Then a lot of hams are scared stiff about doing anything about it. They dont  
have anything to bargain with. They dont raise their voice. They are  
generally afraid. Thus we are always at the mercy of the authorities. Then  
there are those that think we are closely monitored (In Belgium they closed  
down the monitoring service years ago for lack of funds) and they are afraid  
someone will come in their houses at night and confiscate their equipment.

I mean think about this: Maximum power in Europe is about 750W PEP out (In  
Germany), 400W PEP out (UK), 150WDC in (Belgium, Irl, Greece) so how can  
you say you are using a 8877 amp? You dont say it. You say, "I am putting  
out about 150watts..." I even know an inspector of the communications  
department (like the FCC) who operates on 160m at 1500 W out when the  
maximum permitted is 10 W DC in. 'Cant do it otherwise' he says.

You can see there is much disparity and there is much that needs to be done.  
The IARU societies must get their act together and start a constructive  
negotiating process with the Communications departments towards achieving a

uniform ham radio system; a real easy entry for starting hams and make the hobby open to all. Instead of wasting their time about sponsoring yet another contest which serves no practical purpose whatsoever.

Best,  
Peter

-----  
From: hbs  
To: pve  
Subject: Re: Good day to you all  
Date: Thursday, July 28, 1994 5:40AM

Peter,

Thanks for the imformative post in rec.radio.amateur.misc.

I was not aware of the problems with European Ham radio that you mentioned.

What about Japan, Austraila and New Zealand? Do they have the same problem?

It would be interesting to know what the Governments of the major countries in the World think about the Ham radio activity in their country.

Regards,

Smitty, NA5K

--  
Henry Smith (hbs@crl.com)

-----  
Date: 27 Jul 1994 20:45:19 GMT  
From: thecourier.cims.nyu.edu!longlast.cs.nyu.edu!jackson@nyu.arpa  
Subject: HELP-getting sticky velcro tape to stick?  
To: info-hams@ucsd.edu

|> I trimmed off some of the "hooks" because  
|> the stuff is so strong it is hard to separate the two pieces.  
|>  
|>  
|> Brett Miller N70LQ                      brett\_miller@ccm.hf.intel.com  
|> Intel Corp.  
|> American Fork, UT

I may be wrong, but I interpreted the stickyness problem to be in the glue of the piece attached to the dash.. in which case I would suggest lightly sanding (at least not armor-alling) the area where you are trying to get it to stay. I too use Radio Shack "hook and loop" tape, but I don't know if it's heavy duty. Of course, it's only holding a Pro34 vertically which might not put too much stress on the hold.

Remember the golden rule of velcro, the more area covered on both surfaces, the better the hold.

--

Steven Jackson, Assistant to the Chair of Computer Science  
Courant Institute of Mathematical Sciences, New York University  
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home  
jackson@cs.nyu.edu, jcksnste@acfccluster.nyu.edu, sjackson@cjbbs.com

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Date: 27 Jul 1994 17:30:56 -0700  
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!csulb.edu!  
paris.ics.uci.edu!not-for-mail@network.ucsd.edu  
Subject: Kenwood TS-820 question  
To: info-hams@ucsd.edu

In <01HF5MAFEW4I9EGMKQ@gmr.com> A15TAH%ANDV06@gmr.COM writes:

>For all you knowledgable folks, I have recently purchased a Kenwood TS-  
>820. I want to run it from the car, the manual says there is an option  
>I could buy, but there is also a diagram for wiring a new power plug.

You need the DC module built on to the rear of the rig, about 4'' by 4'', extending about 2'' out from the center of the back of the rig. If you do not have the module, your wiring will not work. The plug is wired in a different way to access the DC module when installed in the rig.

>My question is, has anyone wired a new power plug without using the  
>DC-DC option? Anyone know of where I can buy the CW filter for this  
>rig?

Can't wire the plug and expect it to work without the option. I have the wiring diagram somewhere, many ham stores can find the DC module used for you, or you can build one (not too hard....it seems.) CW filters are still around, and still made by IRCI, they advertise in QST...look up "International Radio and Computer" in the advertisers

index.

Clark  
WA3JPG

-----  
Date: Thu, 28 Jul 94 00:27:05 -0700  
From: ihnp4.ucsd.edu!agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
netcomsv!lavc!steven.rosenberg@network.ucsd.edu  
Subject: L.A. RED CROSS CLASSES  
To: info-hams@ucsd.edu

Does anybody have information about the amateur radio classes offered at  
the American Red Cross in Van Nuys, Ca.?

I'd like to know when the classes are held, who to contact, etc.

thanks,

Steven Rosenberg, KC6FYL  
steven.rosenberg@support.com

-----  
Date: Thu, 28 Jul 1994 01:28:15 GMT  
From: pacbell.com!att-out!nntpa!not-for-mail@ames.arpa  
Subject: Ramsey SlyFox  
To: info-hams@ucsd.edu

The 73 article also said:

"I noticed that the factory-wired unit's output inductor L2 and filter  
inductor L4 had a much wider spacing than called for in the kit  
instructions. The manual does not specify any adjustments to the  
spacing of these coils after assembly. But when I spread the turns on  
the kit unit to match the factory's unit and retuned the final  
capacitor, power output increased dramatically."

Now I get it. If I want to build a RAMSEY kit and make it work, I  
just need to also buy a wired unit and copy the wired one exactly.  
Too bad if the kit instructions do not tell you everything to do, the  
beginner ham can just send it back and pay a large fee to RAMSEY to  
repair it.

Proposed AD:

Have the fun of building a kit:

cost of kit    \$X + \$50 to get it working

or buy it wired for \$X +\$30.

RAMSEY markets their kits as easy to build.

Sure, if you have a spectrum analyser, signal generator, bird watt meter, lots of time and lots of RF experience you too can get it working

OR

you can design your own from scratch with less frustration.

Has anyone every built a kit and had it work?

Every review I have read about their kits indicated something was wrong and had to be fixed.

Joe Wilkes

WA2SFF

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Date: Wed, 27 Jul 1994 19:38:10 GMT  
From: psinntp!arrl.org!zlau@uunet.uu.net  
Subject: repeaters in the microwave bands  
To: info-hams@ucsd.edu

Warren Kinninger N9MLK (wkinning@nyx10.cs.du.edu) wrote:

:  
: All of the microwave antenna articles I've read describe directional  
: antennas like beams and dishes. What type of omnidirectional antenna  
: would you use for microwave frequencies ? I've seen some stacked dipole  
: antennas for 1.2 Ghz. What works on 10 Ghz ?

You can cut slots in a piece of waveguide to make a horizontally polarized omnidirectional antenna. See page 190 of the 1989 Microwave Update. I was hoping to see if mine had 13 dBi of gain, but we had a thunderstorm instead of an antenna measuring session at the NEWS meeting Saturday.

: frequencies.

:  
: Also, has anyone conducted experiments with microwave repeaters ? The  
: highest frequency repeaters listed in the ARRL repeater directory are in  
: 1.2 Ghz amateur band. You could build a self contained dish and trans-  
: verter that connects to 2m HT with a short coax line. This would allow



: people to get on the air inexpensively without buying a dedicated  
: microwave transceiver.

I've worked some people on 1296.25 MHz FM--I assume they are  
driving it with an HT.

:  
: The line of sight requirements would limit the coverage of microwaves  
: compared to VHF so you'd tend to have more repeaters with smaller  
: coverage areas, especially in areas without mountains or tall buildings  
: for repeater sites. I don't see any technical problem in implementing  
: this with current microwave components. There are problems with:

:  
Actually, I recently worked Don, WB1FKF, over a 179 km knife edge path over  
Grand Manadnock, NH. He said my signal strength was the same on all bands  
we worked--144, 432, 903, 1296, 2304, 3456, 5760, and 10 GHz. He had too  
much line noise to hear me on 50 MHz. Of course, as a QRP station, I'm only  
running a little more power on the lower bands compared to the 2 watts on 13  
and 6 cm. Of course, the microwave stuff has to be working properly--you  
can't make contacts if you are off frequency or you have water in the coax  
connectors or.... Also, I'm using antennas of roughly the same size--I'm  
not trying to make contacts with miniature microwave antennas.

--

Zack Lau KH6CP/1                    2 way QRP WAS  
                                     8 States on 10 GHz  
Internet: zlau@arrl.org    10 grids on 2304 MHz

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Date: Wed, 27 Jul 1994 23:34:20 GMT  
From: ihnp4.ucsd.edu!news.cerf.net!mvp.saic.com!MathWorks.Com!news.duke.edu!news-  
feed-1.peachnet.edu!darwin.sura.net!fconvx.ncifcrf.gov!mack@network.ucsd.edu  
Subject: REQUEST: Help finding WWV receiver!  
To: info-hams@ucsd.edu

In article <3161lg\$5s7@char.vnet.net> AARON.HENDERSON.CMWAH01@NT.COM writes:

>Forgive me if one or two of the groups are inappropriate.

>I'm posting this for a freind who doesn't have usenet access.

>

>---

>OK, I'm at my wits end. I have tried to locate a WWV receiver

>that is not \$350.00 . I have scanned the ads in SKY&TEL, Astronomy

>and the Ham radio mags for anything concerning a WWV receiver or

>kit. I know Radio Shack used to sell them but THEY DO NOT SELL them

>anymore. There was a review in SKY&TEL (Apr or May 1993)of a receiver

>but I was unable to contact the company.

I use a Radio Shack time cube for exactly the same purpose,

which I got at a ham fest. So  
if you can go to a ham fest you might pick one up, although I haven't  
seen any for a while I'll admit.

I don't know what price or where you've been looking at receivers but I nootice adverts in places that sell radar detector (LaMark? I keep getting their junk mail all the time) for what look like quite nice shortwave radios about the size of a hefty wallet for abotuu \$100 that are PLL synthesised and will get WWV and everything else as well. Presumably that's the sort of thing you're looking for.

Joe Mack  
NA3T  
mack@ncifcrf.gov

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>
>Thanks in advance,
>Aaron
>
>
>||      /\   \
>||      /\  \  \
>||  /\  //  \  \
>||  //  \  \  \
>|_/_  \  \  \  \
>---
```

```
-----AARON.HENDERSON.CMWAH01@NT.COM-----
| Aperture Fever is not Deadly (Most of the time) |
|      "          is not curable                  |
|      "          is contagious                   |
|-----|
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>Please reply to him via email.

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|| Saurian: saur@char.vnet.net ||
|| ..... ||
|| EXODUS 4:1-5 NUMBERS 21:4-9 ||
|| EXODUS 7:8-13 PSALMS 104:24-28 ||
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> | \ | / | -\---/ - \--- || Saurian: saur@char.vnet.net ||
> |---+---| .---. ---| || ..... ||
> ---|--- |---| |--- || EXODUS 4:1-5 NUMBERS 21:4-9 ||
> | |---| |---| || EXODUS 7:8-13 PSALMS 104:24-28 ||
> ----- |---| |--- ||

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>/ | | \ | \ | \\_\_\_ \\_\_\_\_\_/  
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Date: 28 Jul 1994 13:20:40 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.intercon.com!udel!  
news.udel.edu!diusys!dave@network.ucsd.edu  
Subject: Suggestions for 2M & 70 CM base station antenna  
To: info-hams@ucsd.edu

Ira Machefsky (ira@src.dec.com) wrote:

: I want to put up a decent base station vertical antenna to cover the 2M and 70CM  
: bands. The large number and price spread is rather overwhelming. Could I have  
: suggestions from people on a decent one to start with? Thanks.

: 73,  
: Ira  
: KE6KHT

I've had good luck with the Hustler G6-270 dual band ant. It's about  
9 ft long and built in one piece, no joint in the middle. This makes  
it very sturdy. Comes with stainless hardware and is made in the US.  
Price is around \$150 I think (bought mine over a year ago).

73, Dave WA3U

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Date: Thu, 28 Jul 1994 12:19:03 GMT  
From: news.pipeline.com!malgudi.oar.net!witch!ted!mjsilva@uunet.uu.net  
Subject: VHF TV freqs to be phased out?  
To: info-hams@ucsd.edu

This morning I heard a ham state that all VHF TV channels were to be  
reallocated to other services by 2008, with broadcast TV then limited  
to the UHF channels. I heard this on a scanner, so I couldn't ask him  
about it. Does anyone know if this is true?

Mike, KK6GM

-----  
Date: 27 Jul 1994 18:01:49 -0700  
From: pacbell.com!well!barrnet.net!agate!howland.reston.ans.net!usc!  
elroy.jpl.nasa.gov!lll-winken.llnl.gov!apple.com!apple.com!not-for-mail@ames.arpa  
To: info-hams@ucsd.edu

References <30ja44\$apv@wrdis02.robins.af.mil>, <1994Jul20.115448.1@woods.uml.edu>,

<1994Jul22.181523.18465@govonca.gov.on.ca>a.gov  
Subject : Re: QST on News Stands?

pepperb@govonca.gov.on.ca (Brien Pepperdine) writes:

>Why is the QST issue dated July/August? Anyone know?  
>Masthead says its a monthly, and it has been 12 issues per annum for a  
>long as I remember.

Perhaps that only applies to news-stand QSTs? My July QST said July,  
and the QST that came in the mail two days ago (the one with the olde  
wireless sets and olde pharte on the cover :-) says August.

Kok Chen, AA6TY  
Apple Computer, Inc.

kchen@apple.com

-----  
Date: 28 Jul 1994 00:43:09 GMT  
From: pacbell.com!unet.net.com!loren!larson@ames.arpa  
To: info-hams@ucsd.edu

References <CtKs4o.5or@news.Hawaii.Edu>, <LEVIN.94Jul27130606@cassandra.bbn.com>,  
<CtMDtr.24z@news.Hawaii.Edu>,  
Subject : Re: Ramsey SlyFox

In article <CtMDtr.24z@news.Hawaii.Edu> jeffrey@kahuna.tmc.edu (Jeffrey Herman)  
writes:

[ other comments by others removed, you have probably read them... ]

>He said "it's easier to spread the coils a bit than to have to add more  
>turns" - those two concepts work opposite each other. I think he meant  
>to say "it's easier to spread the coils a bit than to have to REDUCE  
>the number of turns", either of which would reduce the inductance.

The point is that the coils were designed to have slightly too much  
inductance when they had not been spread. They were designed so the  
adjustment would be to reduce their inductance.

Had they been designed with slightly too little inductance, one  
would of had to add turns.

Since it is easier to adjust if you know which direction you will  
be adjusting, it is easier to make it too much, and tweak the coils

apart to the correct point.

Alan

-----  
Date: Thu, 28 Jul 1994 01:17:09 GMT  
From: netcomsv!netcom.com!dparker@decwrl.dec.com  
To: info-hams@ucsd.edu

References <fkilpatr.775148334@afit.af.mil>,  
<1994Jul26.131707.204@ke4zv.atl.ga.us>, <horak.775252376@convex.com>p.  
Subject : Re: Did CB's used to require licenses?

I was about 10.....KLZ5195. We used our calls to id  
and had lots of fun in our family..

Dave

\*\*\*\*\*  
\* Dave Parker = KD6RRS = \*  
\* Tracy, California, USA \*  
\* Internet e-mail: dparker@netcom.com \*  
\* Packet: KD6RRS@WA6YHJ.#NOCAL.CA.USA.NA \*  
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End of Info-Hams Digest V94 #849

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